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ART UNIT	PAPER NUMBER
2618	

DATE MAILED: 05/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>27 June 2003</u>.

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>1-6, 8-16 and 18</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>1-6, 8-16 and 18</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

Drawings

1.   The drawings are objected to because of the following reason. Figure 4,

reference numeral 34, and figure 5, reference numerals 86,88,90,60,92,94,96,

the line has to touch the element of the figure that it is pointed out. Corrected

drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the

Office action to avoid abandonment of the application. Any amended

replacement drawing sheet should include all of the figures appearing on the

immediate prior version of the sheet, even if only one figure is being amended.

The figure or figure number of an amended drawing should not be labeled as

"amended." If a drawing figure is to be canceled, the appropriate figure must be

removed from the replacement sheet, and where necessary, the remaining

figures must be renumbered and appropriate changes made to the brief

description of the several views of the drawings for consistency. Additional

replacement sheets may be necessary to show the renumbering of the remaining

figures. Each drawing sheet submitted after the filing date of an application must

be labeled in the top margin as either "Replacement Sheet" or "New Sheet"

pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner,

the applicant will be notified and informed of any required corrective action in the

next Office action. The objection to the drawings will not be held in abeyance.

Specification

2.   The disclosure is objected to because of the following informalities: Page

8, line 15, presently read as the base station 36 which should be 30; page 11,

line 12, presently read as the radio control unit 30 which should be 32; page 11,

line 16, presently read as memory 72. The examiner did not find any memory 72

in any of figures; page 12, line 9 and 10, presently read as parsing unit 52 which

should be 50; page 13, line 1, presently read as the spreading unit 34 which

should be 52; page 13,line 15, presently read as the radio frequency unit 68. The

examiner did not find the radio frequency unit 68 any where in the figures. Page

14, line 4, presently read the RF power amplifier 70 which should be 44; page 14,

line 13 and 14, presently read converter unit 30 which should be 32; page 15,

line 14, presently read the spreading unit 54 which should be 52; page 15, line

18, presently read the parsing unit 52 which should be 50. Appropriate

correction is required.

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35

U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2.   Claims 1,2,4-6,9-14, and 16-18 are rejected under 35 U.S.C. 102(b) as

being anticipated by Dajer et al. *(US Patent #6,781,980).*

Regarding claim 1, Dajer teaches in a wireless network *(figure 1)*, a

method for transmitting analog signals to at least one wireless terminal *(Figure 1,*

base stations 109-110 transmitting analog signals to at least one wireless

terminals 112-115), the method comprising:

receiving a digital signal *(Figure1, base station 109 or 110 receiving a*

digital signal from mobile switching center 104) that defines (i) bearer data *(voice,*

voiceband data, or digital data signal) for each of a plurality of channels *(Col 1,*

line 43-51); and (ii) control information *(Col 1, line 41-51: For the forward link,*

digital signal processing block 202 performs processing of voice, voiceband data,

or digital data signals from the land line network 102 and radio frequency (RF)

modulation section 204 typically receives the processed signals from the digital

signal processing block 202. So, before the bearer data transfer from 104 to 109-

110, mobile switching center always establishes power level for each channel

before it send it, so it's inherent) for each of the plurality of channels *(Col 1, line*

51- Col 2, line 2);

parsing from the control information, a power level and a modulation

frequency, the power level *(Col 1, line 41-51: For the forward link, digital signal*

processing block 202 performs processing of voice, voiceband data, or digital

data signals from the land line network 102 and radio frequency (RF) modulation

section 204 typically receives the processed signals from the digital signal

processing block 202. So, before the bearer data transfer from 104 to 109-110,

mobile switching center always establishes power level for each channel before it

send it, so it's inherent) being one of a plurality of possible power levels (Col 1,

line 61-Col 2, line 2: Since multiple processed IS-95 signals may be transmitted

in different frequency bands, it also have different power level in order to transmit

the data) and the modulation frequency being one of a plurality of possible

modulation frequencies *(Col 1, line 62-Col 2, line 2: An IS-95 transmit portion*

having several IS-95 signals modulating M carriers and transmitted in M different

frequency bands);

based on the power level *(Col 1, line 41-51: For the forward link, digital*

signal processing block 202 performs processing of voice, voiceband data, or

digital data signals from the land line network 102 and radio frequency (RF)

modulation section 204 typically receives the processed signals from the digital

signal processing block 202. So, before the bearer data transfer from 104 to 109-

110, mobile switching center always establishes power level for each channel

before it send, so it's inherent) and the modulation frequency, responsively

generating an analog signal having a plurality of analog channels that defines the

bearer data in the digital signal; and transmitting the analog signal to the at least

one wireless terminal *(Col 1, line 27-col 2, line 18)*.

Regarding claim 2, Dajer teaches the method, wherein responsively

generating the analog signal comprises:

applying a spreading sequence to each channel of bearer data in the

digital signal to produce a spread spectrum signal for each channel of bearer

data *(Col 1, line 12-22)*;

amplifying the spread spectrum signal for each channel of bearer data to the power level defined by the control information for the channel *(Col 1, line 56-60)*;

adding the spread spectrum signal for each channel of bearer data to produce a sum of spread spectrum signals *(Col 2, line 3-18; Col 2, line 34-51)*;

converting the sum of the spread spectrum signals into the analog signal *(Col 2, line 3-18)*; and

modulating the analog signal to the modulation frequency defined by the control information *(Col 1, line 44-60)*.

Regarding claim 4, Dajer teaches the method, wherein the control information further comprises a spreading sequence *(such as Walsh code)* and a PN offset *(Col 3, line 5-13 and col 2, line 42-51)*.

Regarding claim 5, Dajer teaches in a wireless network, a method comprising:

receiving, from a first network entity, bearer data *(voice, voiceband data, or digital data signal)* for a plurality of channels *(Figure 1, base station 109 or 110, receives bearer data such as processing of voice, voice band data or digital data signals) (Col 1, line 36-46; Col 1, line 61-Col 2, line 18)*;

establishing (i) a modulation frequency for an analog signal that is to define the bearer data for the plurality of channels *(Col 1, line 41-Col 2, line 2)* and (ii) a power level *(signal power)* for each channel of bearer data *(Col 1, line*

41-51: For the forward link, digital signal processing block 202 performs

processing of voice, voiceband data, or digital data signals from the land line

network 102 and radio frequency (RF) modulation section 204 typically receives

the processed signals from the digital signal processing block 202. So, before the

bearer data transfer from 104 to 109-110, mobile switching center always

establishes power level for each channel before it send it, so it's inherent); and

outputting to a second network entity *(Figure 2, element 202 to 204),* a

digital signal defining (i) the bearer data *(Figure 2, processing of voice, voice*

band data or digital data signals from 202 to 204); (ii) the modulation frequency

(Col 1, line 46-51); and (iii) power level (signal power);

wherein outputting (i) the bearer data *(Figure 2, processing of voice, voice*

band data or digital data signals from 202 to 204) and (ii) the modulation

frequency *(Col 1, line 46-51); (iii) power level (signal power)* comprises outputting

to the second network *(Figure 2, element 202 to 204),* entity a frame *(Col 1, line*

22-26) defining the (i) the bearer data *(Figure 2, processing of voice, voice band*

data or digital data signals from 202 to 204) (ii) the modulation frequency *(Col 1,*

line 46-51), and (iii) power level *(Col 1, line 41-51: For the forward link, digital*

signal processing block 202 performs processing of voice, voiceband data, or

digital data signals from the land line network 102 and radio frequency (RF)

modulation section 204 typically receives the processed signals from the digital

signal processing block 202. So, before the bearer data transfer from 104 to 109-

110, mobile switching center always establishes power level for each channel

before it send, so it's inherent).

Regarding claim 6, Dajer teaches the method, wherein establishing the

modulation frequency *(Col 1, line 46-51)* and the power level *(Col 1, line 41-51:*

For the forward link, digital signal processing block 202 performs processing of

voice, voiceband data, or digital data signals from the land line network 102 and

radio frequency (RF) modulation section 204 typically receives the processed

signals from the digital signal processing block 202. So, before the bearer data

transfer from 104 to 109-110, mobile switching center always establishes power

level for each channel before it send, so it's inherent) comprises receiving, from a

user-interface *(Figure 1, Air interface),* a user-indication *(Figure 1, from 112-115)*

of the power level and the modulation frequency *(Col 1, line 46-51)*.

Regarding claim 9, Dajer teaches in a wireless network, a system for

transmitting analog signals to at least one wireless terminal *(Figure 2, element*

206 is converter to convert the digital signal to analog signal and transmitting the

base station's antenna 214 to wireless terminal 112-115), the system comprising:

a receiver arranged to receive a digital signal *(Figure1, base station 109 or*

110 receiving a digital signal from mobile switching center 104) that defines (i)

bearer data *(voice, voiceband data, or digital data signal)* for each of a plurality of

channels; and (ii) control information *(signal power)* for each of the plurality of

channels *(Col 1, line 51-61)*;

a parser arranged to parse from the control information, a power level and

a modulation frequency, the power level being one of a plurality of possible

power levels and the modulation frequency being one of a plurality of possible

modulation frequencies *(Col 1, line 62-Col 2, line 2)*;

means for responsively generating, based on the power level and the

modulation frequency, an analog signal having a plurality of analog channels that

defines' the bearer data in the digital signal; and an RF power amplifier arranged

to transmit the analog signal to the at least one wireless terminal *(Col 1, line 27-*

col 2,line 18).

Regarding claim 10, Dajer teaches the system, wherein the control

information further comprises a spreading sequence *(such as Walsh code)* and a

PN offset *(Col 3, line 5-13 and col 2, line 42-51)*.

Regarding claim 11, Dajer teaches in a wireless network, a system for

transmitting analog signals to at least one wireless terminal *(Figure 2,*

transmitting analog signals from the base station 109-110 to at least one wireless

terminal 112-115), the system comprising:

a receiver arranged to receive a digital signal *(Figure1, base station 109 or*

110 receiving a digital signal from mobile switching center 104) that defines (i)

bearer data *(voice, voiceband data, or digital data signal)* for each of a plurality of

channels; and (ii) control information *(signal power)* for each of the plurality of

channels *(Col 1, line 51-61)*;

a parser arranged to extract from the control information, a power level

and a modulation frequency, the power level being one of a plurality of possible

power levels and the modulation frequency being one of a plurality of possible

modulation frequencies *(Col 1, line 62-Col 2, line 2)*;

a spreading unit arranged to define, for each of the plurality of channels, a

spread spectrum signal *(Col 1, line 12-22)*;

a power control unit arranged to amplify the spread spectrum signal for

each of the plurality of channels, the spread spectrum signal being amplified to

the power level defined by the control information for the channel *(Col 1, line 56-*

60);

an adder arranged to sum the spread spectrum signal for each channel to

produce a sum of spread spectrum signals *(Col 2, line 34-51)*;

a digital-to-analog converter arranged to convert the sum of the spread

spectrum signals into an analog signal *(Col 2, line 3-18)*;

a modulator arranged to modulate the analog signal to the modulation

frequency defined by the control information *(Col 1,line 41-50)*; and

an RF power amplifier arranged to transmit the analog signal to the at

least one wireless terminal *(Col 1, line 50-61)*.

Regarding claim 12, Dajer teaches the system, wherein (i) the control

information includes a spreading sequence *(Walsh code)* for each channel of the

digital signal; and (ii) the spreading unit is further arranged to apply to each

channel of the digital signal the spreading sequence *(Col 1, line 12-22)*.

Regarding claim 13, Dajer teaches the system, wherein the control information includes a PN offset for the analog signal, the system further comprising a PN offset unit arranged to apply to the sum of spread spectrum signals the PN offset *(Col 2, line 34-Col 3, line13)*.

Regarding claim 14, Dajer teaches a wireless network, a system *(base station)* comprising:

a processor; memory *(a base station inherently contains a processor and a memory to store information);* and

computer instructions stored in memory *(inherent)* and executable by a processor *(inherent)* for performing the functions of:

receiving, from a first network entity, bearer data *voice, voiceband data, or digital data signal)* for a plurality of channels *(Figure 1, base station 109 or 110, receives bearer data such as processing of voice, voice band data or digital data signals) (Col 1, line 36-46; Col 1, line 61-Col 2, line 18)*;

establishing (i) a modulation frequency for an analog signal that is to define the bearer data for the plurality of channels *(Col 1, line 41-Col 2, line 2)* and (ii) a power level *(signal power)* for each channel of bearer data *(Col 1, line 41-51: For the forward link, digital signal processing block 202 performs processing of voice, voiceband data, or digital data signals from the land line network 102 and radio frequency (RF) modulation section 204 typically receives the processed signals from the digital signal processing block 202. So, before the bearer data transfer from 104 to 109-110, mobile switching center*

always establishes power level for each channel before it send it, so it's

inherent); and

outputting to a second network entity *(Figure 2, element 202 to 204)*, a

digital signal defining (i) the bearer data *(Figure 2, processing of voice, voice*

band data or digital data signals from 202 to 204); (ii) the modulation frequency

(Col 1, line 46-51); and (iii) the power level *(signal power)*,

wherein outputting (i) the bearer data *(Figure 2, processing of voice, voice*

band data or digital data signals from 202 to 204) and (ii) the modulation

frequency *(Col 1, line 46-51); (iii) power level (signal power)* comprises outputting

to the second network *(Figure 2, element 202 to 204)* entity a frame *(Col 1, line*

22-26) defining the (i) the bearer data *(Figure 2, processing of voice, voice band*

data or digital data signals from 202 to 204) (ii) the modulation frequency *(Col 1,*

line 46-51), and (iii) power level *(Col 1, line 41-51: For the forward link, digital*

signal processing block 202 performs processing of voice, voiceband data, or

digital data signals from the land line network 102 and radio frequency (RF)

modulation section 204 typically receives the processed signals from the digital

signal processing block 202. So, before the bearer data transfer from 104 to 109-

110, mobile switching center always establishes power level for each channel

before it send, so it's inherent).

Regarding claim 16, Dajer teaches the system, further comprising a user-

interface *(Figure 1, Air interface)* and wherein the computer instructions stored in

memory *(inherent)* and executable by a processor *(inherent)* for performing the

function of establishing the power level *(Col 1, line 41-51: For the forward link,*

digital signal processing block 202 performs processing of voice, voiceband data,

or digital data signals from the land line network 102 and radio frequency (RF)

modulation section 204 typically receives the processed signals from the digital

signal processing block 202. So, before the bearer data transfer from 104 to 109-

110, mobile switching center always establishes power level for each channel

before it send, so it's inherent) and the modulation frequency *(Col 1, line 46-51)*

comprises: computer instructions executable by the processor for receiving from

the user-interface *(Figure 1, Air interface between base stations 109 and 110 and*

wireless terminals 112-115), (i) a user-indication *(Figure 1, from 112-115)* of the

power level *(Col 1, line 41-51: For the forward link, digital signal processing block*

202 performs processing of voice, voiceband data, or digital data signals from the

land line network 102 and radio frequency (RF) modulation section 204 typically

receives the processed signals from the digital signal processing block 202. So,

before the bearer data transfer from 104 to 109-110, mobile switching center

always establishes power level for each channel before it send, so it's inherent)

for each channel of bearer data *(Col 1, line 44-47)*; and (ii) the modulation

frequency for the analog signal *(Col 1, line 46-51)*.

Regarding claim 18, Dajer teaches a system comprising:

a digital base station *(Figure 1, elements 109 or 110)*;

a radio link converter unit *(Figure 2, element 206)*;

wherein the digital base station is communicatively coupled to the radio link converter unit *(Col 1, line 27-60)*;

the digital base station *(Figure1, base station 109 or 110 receiving a digital signal from mobile switching center 104)* arranged to:

receive bearer data *(voice, voiceband data, or digital data signal)* for a plurality of channels *(Col 1, line 43-51)*;

establish (i) a modulation frequency for an analog signal that is to define the bearer data for the plurality of channels *(Col 1, line 41-Col 2, line 2)*; and (ii) a power level *(signal power)* for each channel of bearer data *(Col 1, line 41-51: For the forward link, digital signal processing block 202 performs processing of voice, voiceband data, or digital data signals from the land line network 102 and radio frequency (RF) modulation section 204 typically receives the processed signals from the digital signal processing block 202. So, before the bearer data transfer from 104 to 109-110, mobile switching center always establishes power level for each channel before it send it, so it's inherent)* and output to the radio link converter unit *(Figure 2, element 202 to 204)*, a digital signal defining (i) the bearer data *(Figure 2, processing of voice, voice band data or digital data signals from 202 to 204)*, (ii) the modulation frequency *(Col 1, line 46-51)*, and (iii) the power level *(signal power)*; and

the radio link converter *(Figure 2, element 206)* unit arranged to:

receive a digital signal *(Figure1, base station 109 or 110 receiving a digital signal from mobile switching center 104)* that defines (i) bearer data *(processing of voice, voice band signal or digital data signals)* for each of a plurality of

channels *(Col 1, line 43-51)*; and (ii) control information *(power signal)* for each of the plurality of channels *(Col 1, line 51-61);*

parse from the control information, a power level and a modulation frequency, the power level *(Col 1, line 41-51: For the forward link, digital signal processing block 202 performs processing of voice, voiceband data, or digital data signals from the land line network 102 and radio frequency (RF) modulation section 204 typically receives the processed signals from the digital signal processing block 202. So, before the bearer data transfer from 104 to 109-110, mobile switching center always establishes power level for each channel before it send, so it's inherent)* being one of a plurality of possible power levels and the modulation frequency being one of a plurality of possible modulation frequencies *(Col 1, line 62-Col 2, line 2);*

based on the power level and the modulation frequency, responsively generate an analog signal having a plurality of analog channels that defines the bearer data in the digital signal; and transmit the analog signal to the at least one wireless terminal *(Col 1, line 27-col 2,line 18)*

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4.   Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Dajer et al. (US Patent #6,781,980) in view of Kenneth *(US Patent Application Publication #20020191676)*.

Regarding claim 3, Dajer teaches the method, wherein the spreading sequence is selected from the group consisting of a Walsh code, except for the method, wherein the spreading sequence is selected from the group consisting of a Gold code.

However, in related art, Kenneth teaches the method, wherein the spreading sequence is selected from the group consisting of a Gold code *(See claim 37)*.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to use the teaching of the method, wherein the spreading sequence is selected from the group consisting of a Gold code, as taught by Kenneth, in the Dajer's device in order to prevent identification of the sequence.

Claims 8 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dajer et al. (US Patent #6,781,980) in view of Tian *(US Patent Application Publication #20050215245)*.

Regarding claim 8, Dajer teaches the method, wherein (i) the first network entity is selected from the group consisting of a MSC *(Figure 1, element*

104); and (ii) the second network entity is a radio link converter unit *(Figure 2,*

element 204) except for the first network entity is selected from the group

consisting of PSDN.

However, in related art, Tian teaches the first network entity is selected

from the group consisting of PSDN *(Paragraph 0020).*

Therefore, it would have been obvious to one of ordinary skill in the art at

the time of the invention was made to use the teaching of the first network entity

is selected from the group consisting of a PSDN, as taught by Tian, in the Dajer's

device in order to communicate with other device (Tian, paragraph 0020).

Regarding claim 15, Dajer teaches the system, wherein (i) first network

entity is selected from the group consisting of a MSC *(Figure 1, element 104);*

and (ii) the second network entity is a radio link converter unit *(Figure 2, element*

204), except for the first network entity is selected from the group consisting of

PSDN.

However, in related art, Tian teaches the first network entity is selected

from the group consisting of PSDN *(Paragraph 0020).*

Therefore, it would have been obvious to one of ordinary skill in the art at

the time of the invention was made to use the teaching of the first network entity

is selected from the group consisting of a PSDN, as taught by Tian, in the Dajer's

device in order to communicate with other device (Tian, paragraph 0020).

Response to Arguments

5.   Applicant's arguments filed 02/28/2006 have been fully considered but

they are not persuasive.

Regarding claim 1,5,9,11,14, and 18, applicant argues that Dajer fails to

teach a wireless network *(figure 1),* a method for transmitting analog signals to at

least one wireless terminal *(Figure 1, base stations 109-110 transmitting analog*

signals to at least one wireless terminals 112-115), the method comprising:

receiving a digital signal *(Figure1, base station 109 or 110 receiving a digital*

signal from mobile switching center 104) that defines (i) bearer data *(voice,*

voiceband data, or digital data signal) for each of a plurality of channels *(Col 1,*

line 43-51); and (ii) control information *(Col 1, line 41-51: For the forward link,*

digital signal processing block 202 performs processing of voice, voiceband data,

or digital data signals from the land line network 102 and radio frequency (RF)

modulation section 204 typically receives the processed signals from the digital

signal processing block 202. So, before the bearer data transfer from 104 to 109-

110, mobile switching center always establishes power level for each channel

before it send it, so it's inherent) for each of the plurality of channels *(Col 1, line*

51- Col 2, line 2); parsing from the control information, a power level and a

modulation frequency, the power level (Col 1, line 41-51: For the forward link,

digital signal processing block 202 performs processing of voice, voiceband data,

or digital data signals from the land line network 102 and radio frequency (RF)

modulation section 204 typically receives the processed signals from the digital

signal processing block 202. So, before the bearer data transfer from 104 to 109-

110, mobile switching center always establishes power level for each channel

before it send it, so it's inherent) being one of a plurality of possible power levels

(Col 1, line 61-Col 2, line 2: Since multiple processed IS-95 signals may be

transmitted in different frequency bands, it also have different power level in

order to transmit the data) and the modulation frequency being one of a plurality

of possible modulation frequencies (Col 1, line 62-Col 2, line 2: An IS-95 transmit

portion having several IS-95 signals modulating M carriers and transmitted in M

different frequency bands); based on the power level (Col 1, line 41-51: For the

forward link, digital signal processing block 202 performs processing of voice,

voiceband data, or digital data signals from the land line network 102 and radio

frequency (RF) modulation section 204 typically receives the processed signals

from the digital signal processing block 202. So, before the bearer data transfer

from 104 to 109-110, mobile switching center always establishes power level for

each channel before it send, so it's inherent) and the modulation frequency,

responsively generating an analog signal having a plurality of analog channels

that defines the bearer data in the digital signal; and transmitting the analog

signal to the at least one wireless terminal (Col 1, line 27-col 2,line 18). For

dependent claims 2,3,4,6,8,10,12,13,15 and 16 see the claims rejection for more

details.

Conclusion

6.   Applicant's amendment necessitated the new ground(s) of rejection

presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**.

See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dominic E. Rego whose telephone number is 571-272-8132. The examiner can normally be reached on Monday-Friday, 8:30 am-5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 571-272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from

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PAIR. Status information for unpublished applications is available through

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direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-

free).

Dominic E. Rego

NAY MAUNG
SUPERVISORY PATENT EXAMINER